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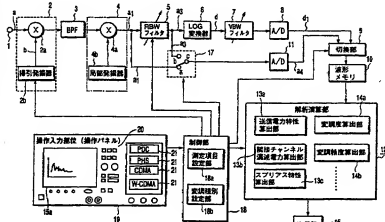
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(54) Title: MODULATED SIGNAL ANALYZING DEVICE

(54) 発明の名称: 変調信号解析装置



- 2b...SWEEP OSCILLATING UNIT
4b...LOCAL OSCILLATING UNIT
5...RBW FILTER
6...LOG CONVERTER
7...VSW FILTER
9...SWITCHING UNIT
10...WAVEFORM MEMORY
12...ANALYSIS OPERATION UNIT
13a...TRANSMISSION POWER CHARACTERISTIC CALCULATION UNIT
13b...ADJACENT-CHANNEL LEAKAGE REDUCED POWER CALCULATION UNIT
13c...SPURIOUS CHARACTERISTIC CALCULATION UNIT
14a...MODULATION DEGREE CALCULATION UNIT
14b...MODULATION PRECISION CALCULATION UNIT
15...DISPLAY
16...CONTROL UNIT
18a...MEASUREMENT ITEM SETTING UNIT
18b...MODULATION TYPE SETTING UNIT
18...OPERATION INPUT PART (OPERATION PANEL)

(57) Abstract: An analysis operation unit performs frequency analysis of a modulated signal to be analyzed outputted from a level converter and modulation analysis of a modulated signal selected by a signal selection circuit by using a digital signal converted by an A/D converter so as to subject the digital level signal of the modulated signal to be analyzed to modulation analysis. A control unit instructs the analysis operation unit to execute the analysis instruction inputted through an operation input unit, transmits a selection instruction according to the type of modulation of the inputted modulated signal to the signal selection circuit, and determines the band width of an RBW filter according to the type of modulation if a modulated signal the band of which is limited by the RBW filter is selected as the modulated signal to be inputted to the A/D converter and if the modulation analysis instruction is inputted.

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A B S T R A C T

An analysis operation section uses a digital signal converted by an A/D converter, and performs frequency analysis for a modulation signal and modulation analysis for the modulation signal selected by a signal selection circuit in order to modulate/analyze a digital signal level of the modulation signal as an analysis object outputted from a level converter. A controller instructs the analysis operation section to execute an analysis instruction inputted via an operation input section, sends a selection instruction to the signal selection circuit in accordance with a modulation type of the inputted modulation signal, and sets a bandwidth of an RBW filter in accordance with the modulation type when the modulation signal having a band limited by the RBW filter is selected as the modulation signal inputted to the A/D converter, and the modulation analysis instruction is inputted.

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